

Form PTO 948 (Rev. 8-98)

U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

Application No.

09/34452

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date)

6/25/99

A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a). Acceptable categories of drawings: (1) Pictorial drawings; (2) Orthographic drawings; (3) Sectional drawings; (4) Exploded view drawings; (5) Perspective drawings; (6) Isometric drawings; (7) Oblique drawings; (8) Cross-sectional drawings; (9) Surface drawings; (10) Detail drawings; (11) Assembly drawings; (12) Process drawings; (13) Flow charts; (14) Block diagrams; (15) Schematic drawings; (16) Circuit diagrams; (17) Mechanical drawings; (18) Electrical drawings; (19) Chemical drawings; (20) Biological drawings; (21) Geological drawings; (22) Astronomical drawings; (23) Other drawings as may be required by the Commissioner.</p> <p>2. PHOTOGRAPHS. 37 CFR 1.84(b).  <input type="checkbox"/> Full-tone set is required. Fig(s) _____  <input type="checkbox"/> Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____  <input type="checkbox"/> Poor quality (half-tone). Fig(s) _____</p> <p>3. TYPE OF PAPER. 37 CFR 1.84(c).  <input type="checkbox"/> Paper not flexible, strong, white, and durable. Fig(s) _____  <input type="checkbox"/> Erasures, alterations, overwritings, interlineations, or fold marks. Fig(s) _____  <input type="checkbox"/> Mylar, vellum paper is not acceptable (too thin). Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes:  <input type="checkbox"/> 21.0 cm by 29.7 cm (DIN size A4)  <input type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  <input checked="" type="checkbox"/> All drawing sheets not the same size. Sheet(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g). Acceptable margins:  <input type="checkbox"/> Drawings sheets not an acceptable size. Fig(s) _____  <input type="checkbox"/> Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  <input type="checkbox"/> SIZE: A4 Size  <input type="checkbox"/> Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  <input type="checkbox"/> SIZE: 8 1/2 x 11  <input checked="" type="checkbox"/> Margins not acceptable. Fig(s) _____  <input type="checkbox"/> Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____</p> <p>6. VIEWS. 37 CFR 1.84(h).  <input type="checkbox"/> REMINDER: Specification may require revision to correspond to drawing changes.  <input type="checkbox"/> Partial views. 37 CFR 1.84(h)(2)  <input type="checkbox"/> Brackets needed to show figure as one entity. Fig(s) _____  <input type="checkbox"/> Views not labeled separately or properly. Fig(s) _____  <input type="checkbox"/> Enlarged view not labeled separately or properly. Fig(s) _____</p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3).  <input type="checkbox"/> Hatching not indicated for sectional portions of an object. Fig(s) _____  <input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i).  <input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion, when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____  <input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p> <p>9. SCALE. 37 CFR 1.84(j).  <input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS. 37 CFR 1.84(k).  <input type="checkbox"/> Lines, numbers &amp; letters not uniformly thick and well-defined, clean, durable, and black (poor line quality). Fig(s) _____  <input type="checkbox"/> Solid black areas pale. Fig(s) _____  <input type="checkbox"/> Solid black shading not permitted. Fig(s) _____  <input type="checkbox"/> Shade lines, pale, rough and blurred. Fig(s) _____</p> <p>11. SHADING. 37 CFR 1.84(m).  <input type="checkbox"/> Solid black areas pale. Fig(s) _____  <input type="checkbox"/> Solid black shading not permitted. Fig(s) _____  <input type="checkbox"/> Shade lines, pale, rough and blurred. Fig(s) _____</p> <p>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS. 37 CFR 1.84(n).  <input type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) _____  <input type="checkbox"/> Figure legends are poor. Fig(s) _____  <input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. Fig(s) _____  <input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2)  <input type="checkbox"/> Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)  <input type="checkbox"/> Fig(s) _____</p> <p>13. LEAD LINES. 37 CFR 1.84(q).  <input type="checkbox"/> Lead lines cross each other. Fig(s) _____  <input type="checkbox"/> Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r).  <input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(s).  <input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w).  <input type="checkbox"/> Corrections not made from prior PTO-048 dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152.  <input type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____  <input type="checkbox"/> Solid black shading not used for color contrast. Fig(s) _____</p>
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COMMENTS

REVIEWER

A.D.

DATE

9/4/99

TELEPHONE NO.

ATTACHMENT TO PAPER NO.